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## **SEMI-CONDUCTOR COMPONENTS    TED 355**

### **COURSE OBJECTIVES**

This course introduces students to the rudiments of electronics. It is intended to equip them with essential knowledge and practical skills relating to semi-conductor components and their applications. This could serve as a foundation upon which further knowledge in electronics could be built.

#### **Materials uploaded so far**

- 1. Atomic structure and Emission of Electrons*
2. Semi-conductors
- 3. Types of diode*
- 4. DC power supplies*
- 5. Other semi-conductor components*
6. The operational amplifier (op-amp)

### **REFERENCES**

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Hazen, M. (1979). *Exploring Electronic Devices*. Longman, London

Green, D. C. (1988). *Electronic II*. Longman, Hong Kong

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Bishop, O. N. (1983). *Basic Electronics*. Macmillan, London